

Appl. No. 09/419,927  
Amdt. dated October 6, 2003  
Reply to Office Action of June 10, 2003

**Amendments to the Claims:**

Listing of Claims:

1 - 9 (Canceled)

10. (Currently amended) A composition comprising:

A) an extensin; and

B) ~~a member selected from the group consisting of~~

~~————— 1) at least one pectin; and~~

~~————— 2) at least one polysaccharide found in pectin;~~

wherein:

said extensin comprises at least one sequence selected from the group consisting of

A) Ser-Hyp2-Val-His-Glu-Tyr-Pro-Hyp2-Thr-Hyp-Val-Tyr-Lys, and

B) Ser-Hyp2-Val-His-Lys-Tyr-Pro-Hyp2-Thr-Hyp-Val-Tyr-Lys;

and is free from the sequence Ser-Hyp-Hyp-Hyp-Hyp;

and wherein:

~~said extensin and said member are present in a concentration sufficient to activate eukaryotic cells to survival, proliferation, or survival and proliferation~~ the combination of pectin with extensin is in a ratio higher than that seen in natural plant cells.

11 (Canceled)

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12. (Currently amended) The composition of claim ++ 10 wherein the pectin is sugar beet pectin.

13. (Currently amended) The composition of claim ++ 10 wherein the pectin is citrus pectin.

14. (Currently amended) The composition of claim ++ 10 wherein the pectin is apple pectin.

15. (Previously added) The composition of claim 10 wherein the extensin is provided by sugar beet fiber.